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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 09/963,486 **WANSMITTAL Filing Date** September 27, 2001 **First Named Inventor** Gary F. Morr, et al for all correspondence after initial filing) Group Art Unit Not yet assigned **Examiner Name** Not yet assigned Total Number of Pages in This Submission Attorney Docket Number SAIC0061-US ENCLOSURES (check all that apply) After Allowance Communication to Assignment Papers Fee Transmittal Form (for an Application) Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Amendment / Response Licensing-related Papers Petition After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) Status Letter **Provisional Application** Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): Declaration of Inventors in Terminal Disclaimer Response to Informal PTOL-456 Express Abandonment Request **Notice** Request for Refund \odot Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Remarks Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm George T. Marcou, Kilpatrick Stockton LLP, 607 14th Street, N.W., Suite 900, Washington, DC 20005 (Reg. No. 33,014) Individual name Signature # 44,442 Date **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: Typed or printed name

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Date

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SAIC0061-US

PATENT'

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: N/A

Examiner: N/A

In re Patent Application of

Gary F. Morr, et al.

Serial No. 09/963,486

Filed: September 27, 2001

For: DUAL-FLOW COMMON COMBUSTOR CHEMICAL LASER

Box: Licensing and Review

Assistant Commissioner of Patents

Washington, D.C. 20231

RESPONSE TO INFORMAL PTOL-456 NOTICE

In response to the Patent Office's PTOL-456 mailed on October 11, 2001, Applicant's hereby respond as follows:

The subject matter of the above-identified application DOES NOT have "significant utility in the conduct of aeronautical and space activities" as recited in 42 U.S.C. §2457 (National Aeronautics and Space Administration (NASA)).

The subject matter of the application involves, generally, laser embodiments. There is no limitation within the application with regard to the applicable uses of the subject laser embodiments. While lasers, including the subject laser embodiments, may function in space, they do not constitute space vehicles and have not, as a class, been identified as having "significant utility in the conduct of aeronautical and space activities" pursuant to 42 U.S.C. §2457 or any other statute. Consequently, the subject matter of this application should not be identified as having "significant utility in the conduct of aeronautical and space activities."

Respectfully submitted, Gary F. MORR, et al.

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